

Multi Purpose Metal Cutter

Made for cutting various materials



EY4542LR2M

Li-ion **3.3Ah** **TOUGH IP™**

Cordless Multi Purpose Metal Cutter Kit

14.4V

- High capacity 3.3Ah Li-ion battery
- Compact size (LxHxW): 13-1/4" x 9" x 6-5/16"
- Light weight (incl. battery): 5.84 lbs.
- Rotating Speed: 3,600 rpm
- Blade Size: Outer diameter 5-3/8" Arbor size 13/16"
- Cutting Depth: Max. 1-13/16"
- Electric brake
- Cutting edge is easily seen through transparent window
- In-line ergonomic design for comfortable cutting
- Safety switch lock lever
- Shaft lock button for easy blade replacement
- Charging Time (using EY0L82B charger)*:
Usable: 40 minutes Full: 55 minutes
- LED work light
- Kit includes 1 - EY4542, 2 - (EY9L44B) 3.3Ah 14.4V Li-ion Batteries,
1 - (EY0L82B) Charger, and Case.



Typical Application

- Metal construction
- Electric installation work
- Plumbing
- General construction

Metal Cutting EY9PM13C Standard



- C-6 tungsten carbide-tipped blade for metal cutting
- 30 teeth
- Kerf (in.): 1/16" (.055)

Thin Metal Cutting EY9PM13D Option



- C-6 tungsten carbide-tipped blade for thin metal cutting
- 50 teeth
- Kerf (in.): 1/16" (.055)

Wood Cutting EY9PW13A Option



- C-6 tungsten carbide-tipped blade for wood cutting
- 30 teeth
- Kerf (in.): 3/64" (.047)

3-way Dust Control



1 Use with vacuum cleaner to collect dust



2 Collect dust in the dust case



3 Eject dust to the rear of the machine



Cutting depth adjustment



Cutting edge is easily seen through window

Li-ion Capacity Table

Drill and Driver

Voltage		21.6V	18V			14.4V	
Model No.		EY7460LZ2S	EY7450LS2S	EY7450LR2S	EY74A1LS2G	EY7441LR2S	
Battery Type		EY9L61B (LZ)	EY9L51B (LS)	EY9L50B (LR)	EY9L51B (LS)	EY9L44B (LR)	
Screwing	Wood Screws in Yellow Pine [High Mode]	dia.3/16" x 2-15/16"	880 pcs	—	—	—	
	Wood Screws in Yellow Pine [High Mode]	dia.5/32" x 1"	—	—	1300 pcs	930 pcs	
	Wood Screws in Yellow Pine [Low Mode]	dia.5/16" x 3-5/32"	—	—	340 pcs	—	
	Self-drilling Screws in SPC [High Mode]	dia.1/8" x 1/2" t=1/16"	1200 pcs	—	—	—	
	Self-drilling Screws in SPC [High Mode]	dia.5/32" x 1/2" t=1/16"	—	640 pcs	500 pcs	1050 pcs	590 pcs
Drilling	Holes in Plaster Board+PlyWood (Wooding Core) [High Mode]	Plaster Board 1/2"+PlyWood 15/32" dia.2-11/16" t=15/16"	—	75 pcs	60 pcs	80 pcs	—
	Holes in SPC [High Mode]	dia.1/2" t=1/16"	230 pcs	300 pcs	240 pcs	—	—
	Holes in SPC (Hole saw) [High Mode]	dia.13/16" x t=1/16"	—	45 pcs	35 pcs	40 pcs	19 pcs
	Holes in SPC (Hole saw) [Low Mode]	dia.1-5/16" t=1/16"	—	45 pcs	35 pcs	60 pcs	16 pcs
	Holes in Yellow Pine [High Mode]	dia.11/16" x t=4-3/4"	110 pcs	130 pcs	100 pcs	120 pcs	75 pcs
Holes in Yellow Pine [Low Mode]	dia.1-3/16" t=1-9/16"	—	—	—	220 pcs	120 pcs	

Voltage		3.6V
Model No.		EY7410LA2S
Battery Type		EY9L10B (LA)
Wood Screws in Soft Wood	dia.1/8"x 1/2"	600 pcs
Screws in Sheet Metal (Pre-Hole)	M5 x 5/16"	1,000 pcs
Holes in SPC	dia.1/16", *t=1/16"	85 pcs

Hammer Drill and Driver

Voltage		21.6V	18V		14.4V	
Model No.		EY7960LZ2S	EY7950LS2S	EY7950LR2S	EY7940LR2S	
Battery Type		EY9L61B (LZ)	EY9L51B (LS)	EY9L50B (LR)	EY9L44B (LR)	
Screwing	Wood Screws in Yellow Pine [High Mode]	dia.3/16" x 2-15/16"	880 pcs	—	—	
	Wood Screws in Yellow Pine [High Mode]	dia.1/4" x 3-5/32"	—	300 pcs	240 pcs	
	Wood Screws in Yellow Pine [Low Mode]	dia.5/16" x 3-5/32"	—	190 pcs	150 pcs	—
	Self-drilling Screws in SPC [High Mode]	dia.1/8" x 1/2" t=1/16"	1200 pcs	—	—	—
Self-drilling Screws in SPC [High Mode]	dia.5/32" x 1/2" t=1/16"	—	640 pcs	500 pcs	590 pcs	
Drilling	Holes in Plaster Board+PlyWood (Wooding Core) [High Mode]	Plaster Board 1/2"+PlyWood 15/32" dia.2-11/16" t=15/16"	—	75 pcs	60 pcs	—
	Holes in Plaster Board+PlyWood [Low Mode]	Plaster Board 1/2"+PlyWood 15/32" dia.4-29/32" x 15/16"	—	30 pcs	25 pcs	—
	Holes in SPC [High Mode]	dia.1/2" t=1/16"	230 pcs	300 pcs	240 pcs	—
	Holes in SPC (Hole saw) [High Mode]	dia.13/16" x t=1/16"	—	45 pcs	35 pcs	19 pcs
	Holes in SPC (Hole saw) [Low Mode]	dia.1-5/16" t=1/16"	—	45 pcs	35 pcs	16 pcs
	Holes in mortar [High Mode]	dia.1/4" x 1-3/16" depth	210 pcs	180 pcs	140 pcs	85 pcs
	Holes in mortar [High Mode]	dia.3/8" x 1-3/16" depth	180 pcs	140 pcs	110 pcs	—
	Holes in masonry [High Mode]	dia.3/16" x 1-9/16" depth	150 pcs	150 pcs	120 pcs	—
	Holes in Yellow Pine [High Mode]	dia.11/16" t=4-3/4"	—	130 pcs	100 pcs	75 pcs

Multi-Impact & Drill Driver

Voltage		14.4V	
Model No.		EY7542LR2S	
Battery Type		EY9L44B (LR)	
DD Mode	Holes in SPC	dia.13/16", t=1/16"	30 pcs
	Holes in Yellow Pine	dia.19/32", t=25/32"	400 pcs
Impact Mode	Wood Screws in Yellow Pine	dia.3/16" x 2-15/16"	300 pcs
	Self-Drilling Screw (SPC/Sheet Metal)	dia.5/32" x 1/2" t=3/32"	400 pcs

Impact Driver

Voltage		18V	
Model No.		EY75A1LS2G	
Battery Type		EY9L51B (LS)	
Screwing	Wood Screws in Yellow Pine	dia.3/16" x 2-15/16"	610 pcs
	Self-Drilling Screws in SPC	dia.5/32" x 1/2" t=1/16"	990 pcs
Bolting	Standard Tensil Bolt	M16 x 1" t=3/8"	1,150 pcs
	Standard Tensil Bolt	M12 x 1" t=3/8"	2,700 pcs
	High Tensil Bolt	M12 x 1" t=3/8"	340 pcs
Drilling	Holes in Plaster Board + Plywood (DL core)	dia.13/16" t=1"	—

Impact Wrench

Voltage		18V	
Model No.		EY75A2X	
Battery Type		EY9L51B (LS)	
Screwing	Wood Screws in Yellow Pine	dia.3/16" x 2-15/16"	550 pcs
	Wood Screws in Yellow Pine	dia.3/16" x 4-3/4"	120 pcs
	Self-Drilling Screws in SPC	dia.5/32" x 1/2" t=1/16"	950 pcs
Bolting	Standard Tensil Bolt	M16 x 1" t=3/8"	1,000 pcs
	Standard Tensil Bolt	M14 x 1" t=3/8"	1,090 pcs
	High Tensil Bolt	M12 x 1" t=3/8"	350 pcs

* Capacity: case of using the battery pack (EY9L50B, EY9L44B)

Rotary Hammer Drill & Driver

Voltage		14.4V		
Model No.		EY7840LR2S		
Battery Type		EY9L44B (LR)		
Drilling + Fastening	Concrete Screw	Holes in Concrete and Screws Fastened	dia. 1/8" x 1-3/16"	120 pcs/charge
		Holes in Concrete and Screws Fastened	dia. 1/4" x 1-3/16"	100 pcs/charge
	Plastic Anchor Fastening Application	Holes in Concrete and Screws Fastened	dia. 1/4" x 1-3/16"	100 pcs/charge
		Holes in Concrete and Screws Fastened	dia. 3/16" x 1"	
Drilling	Holes in Concrete	dia. 1/8" x 1-3/16"	140 holes/charge	
		dia. 1/4" x 1-3/16"	110 holes/charge	
		dia. 3/8" x 1-9/16"	50 holes/charge	
		dia. 1/2" x 1-9/16"	30 holes/charge	

Ni-MH Capacity Table

Drill & Driver

Voltage		15.6V	12V	2.4V
Model No.		EY6432NQKW	EY6409NQKW	EY6220NQ
Wood Screws in Yellow Pine	dia.5/32" x 1"	—	525 pcs	—
	dia.1/4" x 2-1/2"	480 pcs	—	—
	dia.1/8" x 25/32"	—	—	280 pcs
Self-Drilling Screws in SPC	dia.1/8" x 1/2", *t=1/16"	—	730 pcs	—
Holes in Yellow Pine	dia.1-7/16", *t=1-1/2"	120 pcs	—	—

Rotary Hammer

Voltage		28.8V
Model No.		EY7880LZ2S
Battery Type		EY9L81B (LZ)
Concrete*	dia. 1/4" x 1-3/16"	160 holes/charge
	dia. 5/16" x 3-15/16"	30 holes/charge
	dia. 1/2" x 1-9/16"	75 holes/charge
	dia. 9/16" x 3-17/32"	20 holes/charge
dia. 25/32" x 1-9/16"	30 holes/charge	

Reciprocating Saw

Voltage		18V
Model No.		EY45A1LS1G
Battery Type		EY9L51B (LS)
Steel Pipe for Ordinary Piping	outer diameter 1-11/32" (t=1/8")	45 pcs/charge
	outer diameter 1-29/32" (t=1/8")	30 pcs/charge
	outer diameter 3-1/16" (t=5/32")	10 pcs/charge
Yellow Pine	2 x 4 (1-1/16" x3-1/16")	80 pcs/charge
	2 x 10 (1-1/16" x 9-1/32")	50 pcs/charge

Multi Purpose Metal Cutter

Voltage		14.4V
Model No.		EY4542LR2M
Battery Type		EY9L44B (LR)
Conduit Pipe	ø1" t=1/16"	170 pcs/charge
SPC	17-11/16" t=1/16"	14 pcs/charge
Plywood	35-7/16" t=1/2"	55 pcs/charge
PVC Pipe	dia.1-1/2" t=1/8"	120 pcs/charge

Jigsaw*

Voltage		14.4V
Model No.		EY4541X
Particle Board	t=25/32" x 2	5.5 m/charge
SPC	t=1/16"	7.5 m/charge

* Capacity: case of using the battery pack (EY9L44B)

Angle Grinder*

Voltage		14.4V
Model No.		EY4640X
Reinforcing Bar	dia. 3/8"	30 pcs/charge

* Capacity: case of using the battery pack (EY9L44B)

Metal Cutter

Voltage		15.6V	
Model No.		EY3530NQMKW	
Hanger Rail	W:1-5/8" H:1-5/8" t=1/8"	Metal EY9PM13C	35 pcs/charge
	W:1-5/8" H:1-3/16" t=1/16"	Metal EY9PM13C	75 pcs/charge
Conduit Pipe	Outer/1" EMT dia. 1-5/32"	Metal EY9PM13C	105 pcs/charge

* The above table shows average values, and there may be some difference depending on the battery condition, the sharpness of the drill bit, the material hardness, and so on.

* t=thickness of material

*At concrete strength of medium hardness.

* This metal cutter is only for use in cutting unhardened ferrous material of which the thickness is 0.5mm-6.0mm. Use on thinner or thicker materials, or on stainless steel, will result in a rough cut and could increase the risk of kick back. A blade, EY9PM13D, for cutting unhardened ferrous metal with a thickness of 0.2mm-1.6mm, is separately available.